

AMEND CLAIMS

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originals claims 1-13 replaced claims 1-4]

1. Wave-power device, with a plurality of floating bodies (12) arranged in at least two parallel rows, where each floating body is connected to a linear energy converter for
5 converting the wave energy to kinetic energy in a mechanical system, which mechanical system is connected to an electrical generator, particularly a linear generator (22), in which the floating bodies (12) are arranged between an upper and a lower carrying structure (15, 16; 17; 18), **characterized** in that the floating bodies (12) are connected to vertical supporting bars (14) which are held between the upper
10 carrying structure and the lower carrying structure, an electric generator (22) being integrated between said vertical supporting bars and the corresponding floating body, and that the lower carrying structure (17, 18) at opposite sides is connected with an extended buoyancy tank (19, 20) which in operation of the wave-power device are at least partly filled immersed in the water, said buoyancy tanks (19, 20) being provided
15 to be filled with water for lowering the wave-power device into the sea, so that the floating bodies (12) are submersed to a level without the risk of damage during bad weather.
2. Wave-power device according to claim 1, **characterized** in that the vertical
20 supporting bars (14) are integrated with stator coils (27) and non-magnetic iron elements (28), while each floating body (12) has a centrally located tube (25-26) containing permanent magnets (25).
3. Wave-power device according to claim 2, **characterized** in that the stator coils
25 (27) of the generators are connected to a rectifier and to a DC/AC-converter (32) which is common to all of the generators in the wave-power device.
4. Water power device according to one of the claims 1 – 3, **characterized** in that the buoyancy tanks (19, 20) are rotatably coupled at its ends, preferably at its longitudinal
30 axes, to be able to rotate the buoyancy tanks for removal of fouling.